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Title: Highlights from Institutional Computing Project on Plasma Shear Turbulence

Author(s): Daughton, William S.

Intended for: Will be used by the Institutional Computing Program to advertise recent accomplishments. They requested we obtain an LA-UR number

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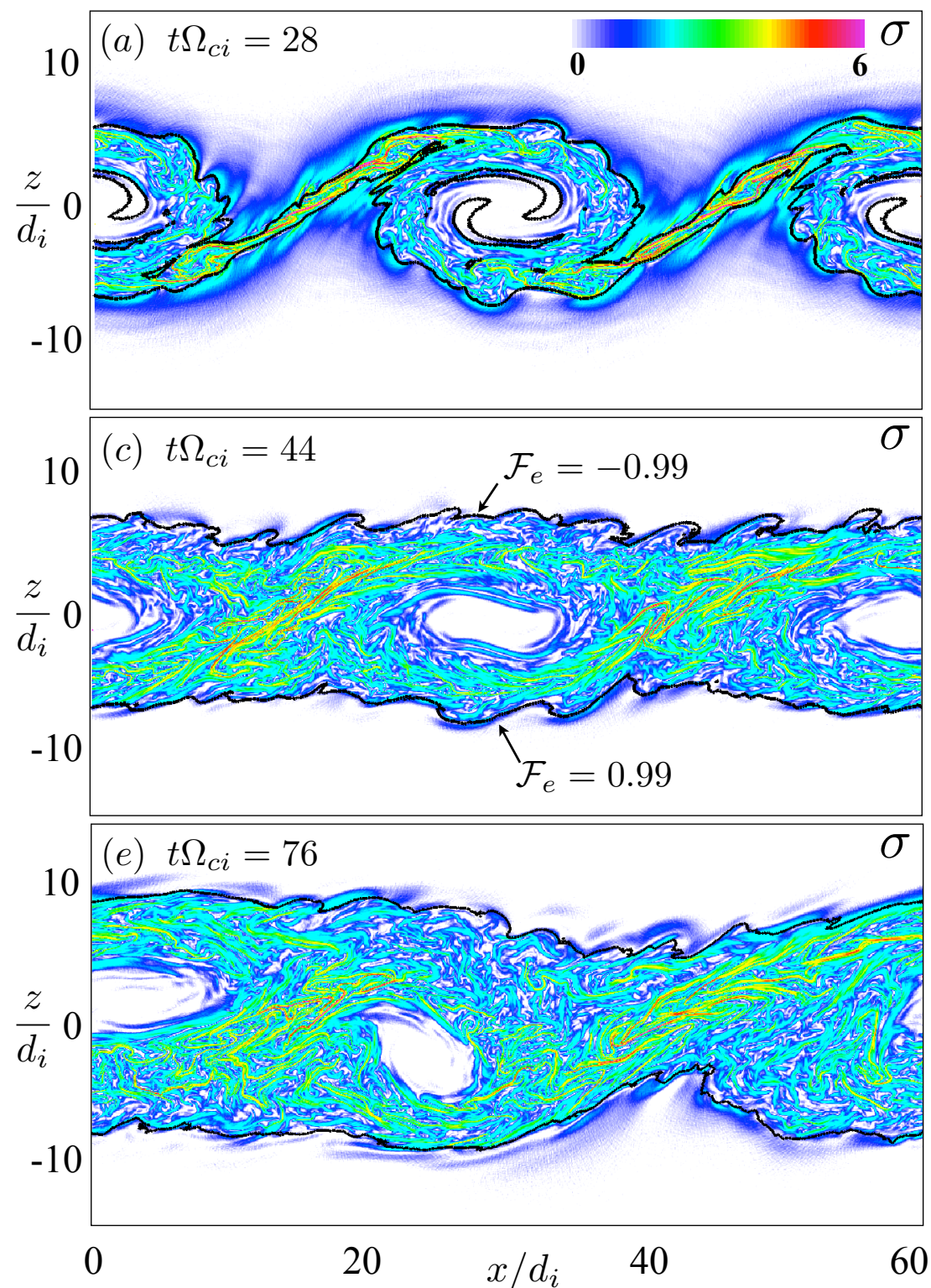
Highlights from Institutional Computing Project on Plasma Shear Turbulence

William Doughton

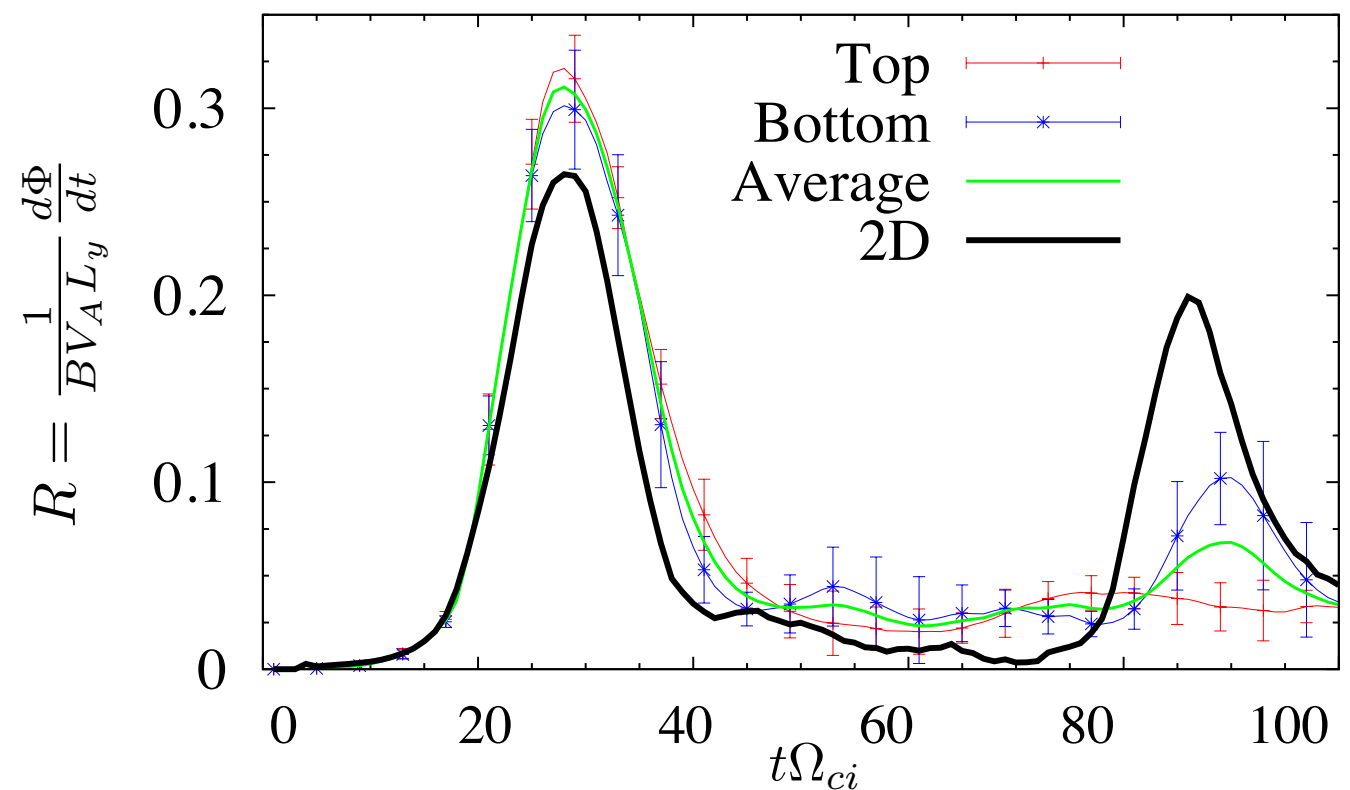
April 13, 2013

Reconnection Dynamics is Modified by 3D Flow Driven Turbulence in the Earth's Magnetopause

Lyapunov exponent of magnetic field



Comparison of 2D and 3D Reconnection Rates



See Daughton et al,
Phys. Plasmas, 2014